

Form 1449 (Modified)

Information Disclosure
Statement By Applicant

Use Several Sheets if Necessary)

Atty Docket No.
CISCP143
Applicant:
Aviani et al.
Filing Date
June 28, 2000

Application No.:
09/606,418

Group
2664

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U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|------|----------|-------|-----------|-------------|
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Foreign Patent or Published Foreign Patent Application

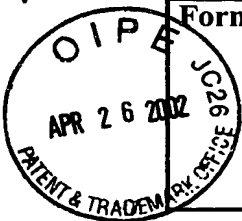
| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
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Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|------------------|-----|---|
| Dem | O | Akamai Technologies, Inc. -Global Internet Content Delivery-"How FreeFlow Works," webmaster@akamai.com 1999-2000. |
| Dem | P | Digital Island, Inc. -e-Business Without Limits-, "Enabling Technologies," http://www.digisle.net . No date. |
| Dem | Q | Internap, "Preferred Collocation Services," http://www.internap.com Copyright © 2001 Internap Network Services Corporation. |
| Examiner | | Date Considered 9-23-03 |

Examiner. Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|----------------------|-------|-----------|-------------|
| Dem | A1 | 5,414,704 | 05/9/95 | Spinney | — | — | — |
| Dem | A2 | 5,488,412 | 01/30/96 | Majeti et al. | | | |
| Dem | A3 | 5,506,987 | 10/9/96 | Abramson et al. | | | |
| Dem | A4 | 5,586,121 | 12/17/96 | Moura et al. | | | |
| Dem | A5 | 5,818,845 | 10/6/98 | Moura et al. | | | |
| Dem | A6 | 5,828,655 | 10/27/98 | Moura et al. | | | |
| Dem | A7 | 5,859,852 | 01/12/99 | Moura et al. | | | |
| Dem | A8 | 5,872,773 | 02/16/99 | Katzela et al. | | | |
| Dem | A9 | 5,946,047 | 09/31/99 | Levan | | | |
| Dem | A10 | 5,946,048 | 09/31/99 | Levan | | | |
| Dem | A11 | 5,953,335 | 09/14/99 | Erimli et al. | | | |
| Dem | A12 | 5,956,346 | 09/21/99 | Levan | | | |
| Dem | A13 | 5,959,660 | 09/28/99 | Levan | | | |
| Dem | A14 | 5,959,968 | 09/28/99 | Chin et al. | | | |
| Dem | A15 | 5,959,997 | 9/28/99 | Moura et al. | | | |
| Dem | A16 | Re. 35,774 | 04/21/98 | Moura et al. | | | |
| Dem | A17 | 5,989,060 | 11/23/99 | Coile et al. | | | |
| Dem | A18 | 5,950,205 | 9/7/99 | James A. Aviani, Jr. | | | |
| Dem | A19 | 6,016,388 | 01/18/00 | Dillon | | | |
| Dem | A20 | 5,892,903 | 04/06/99 | Klaus | | | |
| Dem | A21 | 6,006,266 | 12/21/99 | Murphy et al. | | | |
| Dem | A22 | 6,052,718 | 04/18/00 | Gifford | | | |
| Dem | A23 | 6,345,294 | 02/05/02 | O'Toole et al. | — | — | — |



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2664 2155

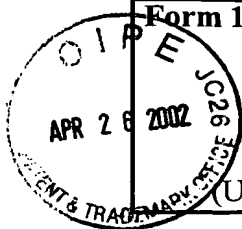
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Foreign Patent or Published Foreign Patent Application

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|---------------------|-----|-----------------|---------------------|-----------------------------|-----------------|---------------|-------------|----|
| | | | | | | | Yes | No |
| <i>DM</i> | B1 | WO98/31107 | 07/16/98 | WIPO | H04B | — | X | |
| | | | | | | | | |

Other Documents

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|---------------------|-----|--|
| <i>DM</i> | C1 | Eager et al., "Adaptive Load Sharing in Homogeneous Distributed Systems," IEEE, Transactions on Software Engineering, Vol. Se-12, No. 5, May 1986, PP 662-675 |
| <i>DM</i> | C2 | Meyer, et al., Request For Comments No. 2026, entitled, "Generic Routing Encapsulation (GRE)," January, 2000, Internet Engineering Task Force, 9 pages. |
| <i>DM</i> | C3 | Mockapetris, P., Request For Comments No. 1034, entitled, "Domain Names – Concepts and Facilities," November, 1987, Internet Engineering Task Force, 31 pages. |
| <i>DM</i> | C4 | Information Sciences Institute, Request for Comments No. 793, entitled, "Transmission Control Protocol – DARPA Internet Program – Protocol Specification," September, 1981, Internet Engineering Task Force, 49 pages. |
| <i>DM</i> | C5 | David M. Gifford, "Replica Routing," U.S. Patent Application No. 09/472,964, Filed December 28, 1999, 37 Pages |
| <i>DM</i> | C6 | Johnson et al., "Dynamic Server Organization," U.S. Patent Application No. 09/294,837, Filed April 19, 1999, 42 Pages |
| <i>DM</i> | C7 | Lu et al., "Automatic Network Addresses Assignment and Translation Interference," U.S. Provisional Patent Application No.: 60/160,535, Filed October 20, 1999, 127 Pages |

**Form 1449 (Modified)****Information Disclosure
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Group

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|------------|-----------------------------------|---|
| <i>Dem</i> | C8 | Lu et al., "Method and Apparatus for Automatic Network Address Assignment," U.S. Provisional Patent Application No.: 60/178,063, Filed January 24, 2000, 74 Pages |
| <i>Dem</i> | C9 | Johnson et al., "Method and Apparatus for Determining a Network Topology in the Presence of Network Address Translation," U.S. Provisional Patent Application No.: 60/178,062, Filed January 24, 2000, 32 Pages |
| <i>Dem</i> | C10 | Toole et al., "Fast-Changing Network Status and Load Monitoring and Feedback," U.S. Provisional Patent Application No.: 60/177,985 Filed January 25, 2000, 20 Pages |
| <i>Dem</i> | C11 | Kirk Johnson, "A Method and Apparatus for Minimalist Approach to Implementing Server Selection," U.S. Provisional Patent Application No.: 60/177,415, Filed January 21, 2000, 39 Pages |
| Examiner | Date Considered <i>9-23-03</i> | |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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| Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary) | Atty Docket No. CISCP143/1948 Applicant: Aviani, Jr. et al. Filing Date June 28, 2000 | Application No.: 09/606,418 Group 2664-2155 |
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U.S. Patent Documents

| Examiner Initial | No. | Patent No. | Date | Patentee | Class | Sub-class | Filing Date |
|------------------|-----|------------|----------|------------------|-------|-----------|-------------|
| Den | A1 | 4,827,411 | 5/2/89 | Arrowood, et al. | 364 | 300 | 6/15/87 |
| Den | A2 | 4,965,772 | 10/23/90 | Daniel, et al. | 364 | 900 | 6/15/87 |
| Den | A3 | 5,555,244 | 9/10/96 | Gupta, et al. | 370 | 60.1 | 6/30/94 |
| Den | A4 | 5,673,265 | 9/30/97 | Gupta, et al. | 370 | 432 | 4/29/96 |
| Den | A5 | 5,774,660 | 06/30/98 | Brendel, et al | 395 | 200.31 | 08/05/96 |
| Den | A6 | 5,452,447 | 09/19/95 | Nelson, et al | 395 | 650 | 12/21/92 |
| Den | A7 | 5,751,971 | 05/12/98 | Dobbins, et al | 395 | 200.68 | 07/12/95 |
| Den | A8 | 5,848,241 | 12/08/98 | Misinai, et al | 395 | 200.43 | 01/09/97 |
| Den | A9 | 5,787,470 | 07/28/98 | DiSimone, et al | 711 | 124 | 10/08/96 |
| Den | A10 | 5,852,717 | 12/22/98 | Bhide, et al | 395 | 200.33 | 11/20/96 |
| Den | A11 | 5,511,208 | 04/23/96 | Boyles, et al | 395 | 800 | 03/23/93 |
| Den | A12 | 5,611,049 | 03/11/97 | Pitts | 395 | 200.09 | |
| Den | A13 | 6,006,264 | 12/1999 | Colby et al | 709 | 226 | 03/30/98 |

Foreign Patent or Published Foreign Patent Application

| Examiner Initial | No. | Document No. | Publication Date | Country or Patent Office | Class | Sub-class | Translation | |
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CISCP143/1948Applicant:
Aviani, Jr. et al.Filing Date
June 28, 2000Application No.:
09/606,418Group
2664-2155**RECEIVED**
MAY 14 2003
Technology Center 2600**Other Documents**

| Examiner Initial | No. | Author, Title, Date, Place (e.g. Journal) of Publication |
|------------------|-----------------|---|
| | C1 | Valloppillil, Vinod, "Cache Array Routing Protocol v1.0", October 20, 1997, Internet-Draft, http://ds1.internic.net/internet-drafts/draft-vinod-carp-v1-02.txt , pages 1-6". |
| | C2 | Ousterhout, John K., "A Trace-Driven Analysis of the UNIX 4.2 BSD File System," January 2, 1993, <u>Computer Science Division, Electrical Engineering and Computer Science</u> , University of California, Berkeley, CA, pages 1-12. |
| | C3 | Welch, Brent, "A Comparison of the Vnode and Sprite File System Architectures," <u>Proceedings of the File System Workshop</u> , May 1992, pages 29-44. |
| | C4 | Ousterhout, John K., "Beating the I/O Bottleneck: A Case for Log-Structured File Systems," January 30, 1992, <u>Computer Science Division, Electrical Engineering and Computer Sciences</u> , University of California, Berkeley, CA, pages 1-17. |
| | C5 | Martin Arlitt, Ludmila Cherkasova, John Dilley, Rich Friedrich And Tai Jin, OF Hewlett-Packard Laboratories, "Evaluating Content Management Techniques For Web Proxy Caches," April 30, 1999, 9 pages |
| | C6 | Gifford et al., <i>Replica Routing</i> , Filed: January 7, 1997, Application No. 08/779,770 |
| | C7 | Gourlay et al., <i>Path Selection System</i> , Filed: December 19, 2001, Application No. 10/034,368. |
| | C8 | Aviani, et al., <i>Distributed Network Traffic Load Balancing Technique Implemented Without Gateway Router</i> , Filed May 10, 2000, Application Number 09/569,090. |
| | C9 | Cieslak et al., <i>Network Cache-Based Content Routing</i> , Filed June 5, 2000, Application Number 09/588,027. |
| | C10 | Gourlay et al., <i>Phased Learning Approach To Determining Closest Content Serving Sites</i> , Filed 8/31/2000, Application Number 09/652,766 |
| Examiner | Date Considered | |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant